

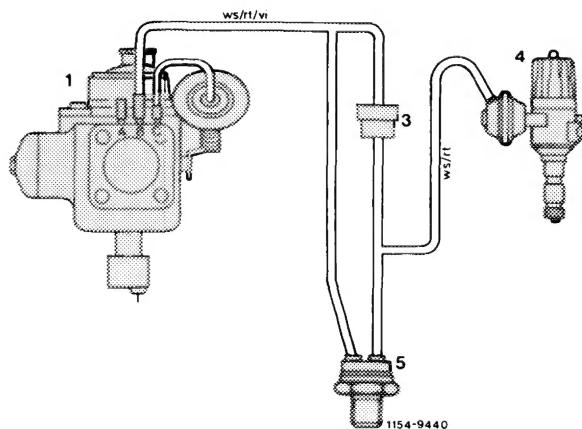
Note

If the jobs described in job No. 07.2–125 have already been completed and the cold start and warm-up characteristics are not yet in order, a temperature-controlled ignition switchover can be subsequently and individually installed.

Operation

To improve driving characteristics in warm-up stage the firing point is adjusted 8–12° in direction of advance up to approx. + 40 °C coolant temperature in addition to centrifugal force adjustment via vacuum control unit on ignition distributor.

When the cold engine is started, the vacuum flows from carburetor (1) via check valve (3) to vacuum control unit on ignition distributor.



- 1 Carburetor
 - 3 Check valve
 - 4 Ignition distributor
 - 5 Thermovalve
- rt = red
vi = purple
ws = white

The check valve (3) serves to maintain the vacuum and to adjust the firing point 8–12° in direction of advance.

As soon as a coolant temperature of approx. + 40 °C is attained, the thermovalve (5) opens and the vacuum will be reduced in direction of carburetor depending on operation condition.

The vacuum advance is now controlled in dependence of throttle valve position of carburetor.

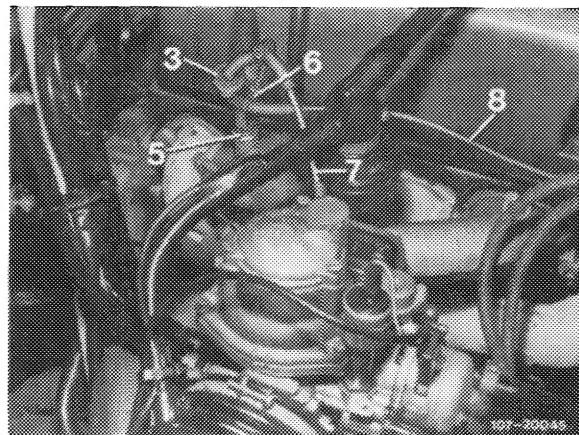
Installation

Attention!

Install check valve (3) in such a manner that passage toward carburetor is provided.

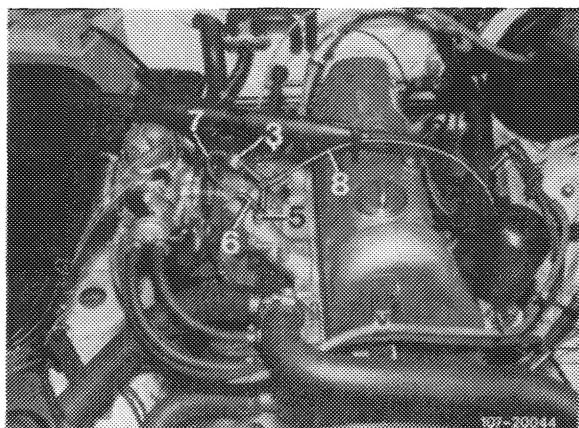
Installation layout in model 115

- 3 Check valve
- 5 Thermovalve ($40 \pm 3^\circ\text{C}$)
- 6 To „slanted“ connection on thermovalve
- 7 To vacuum connection ignition on carburetor
- 8 Line to ignition distributor



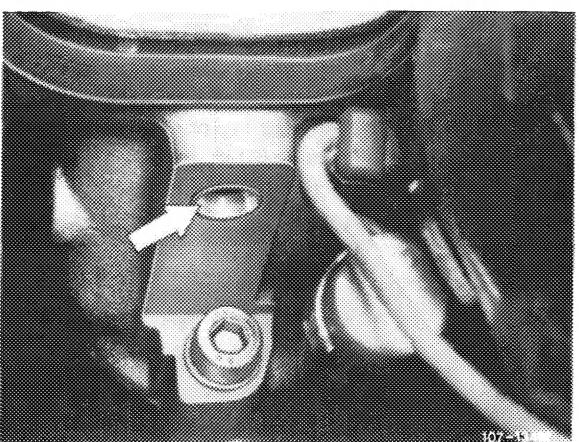
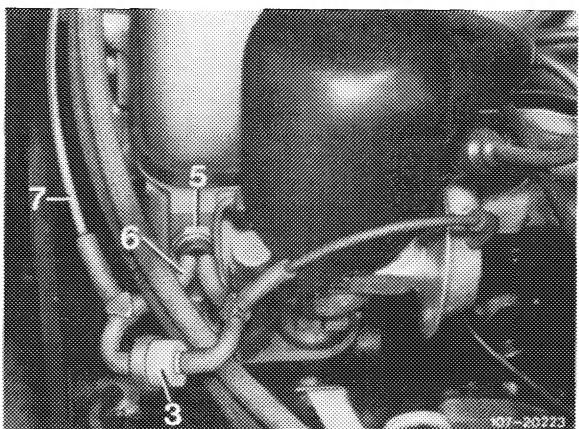
Installation layout in model 123

- 3 Check valve
- 5 Thermovalve ($40 \pm 3^\circ\text{C}$)
- 6 To „slanted“ connection on thermovalve
- 7 To vacuum connection for ignition on carburetor
- 8 Line to ignition distributor



Installation layout model 115 or 123, if no unused bore for thermovalve is available on intake manifold.

For mounting thermovalve (5) in cylinder head, knock threaded bushing (arrow) into existing bore. For knocking-in, screw threaded bushing on a screw M 10 x 1 to prevent damage to threaded bushing.



Spare parts

Designation	Part No.
Thermovalve (40 ± 3 °C)	000 140 33 60
Check valve	116 800 03 78
Rubber distributing member (3 outlets)	117 078 01 45
Threaded bushing	115 016 00 50